MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2015/2016

BWP2024 – INTERNET AND WORLD WIDE WEB PROGRAMMING

(All sections / Groups)

7 MARCH 2016
2:30 p.m. - 4:30 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of 5 pages with 6 Questions only.

2. Attempt **ANY THREE** questions in **SECTION A** and answer **ALL** questions in **SECTION B**. The distribution of the marks for each question is given.

3. Please write all your answers in the Answer Booklet provided.

SECTION A: Essay Questions (60 Marks)

QUESTION 1

a) When the browser renders an element using the box model, the content is surrounded by three properties, which are padding, margin and border. Discuss the main function of these **THREE (3)** properties and how these three properties can be applied.

(14 marks)

b) ***var*** is one of the keywords with special meaning in JavaScript. Describe **THREE (3)** main functions of keyword *var*.

(6 marks)

(Total: 20 marks)

QUESTION 2

a) What does the acronym "MIME" stand for? Describe how MIME works.

(8 marks)

b) Give and discuss **FOUR (4)** transactional security risks.

(12 marks)

(Total: 20 marks)

Continued.....

QUESTION 3

a) Based on your experience, illustrate a flowchart to represent the process of withdrawing money via ATM. The process must start from user inserting his/her ATM card and end with printing of the receipt.

(14 marks)

b) What are the use of ***src*** and ***alt*** attribute of an ***<img />*** tag?

(6 marks)

(Total: 20 marks)

QUESTION 4

a) Discuss how the value of a social networking site can be measured. Give **ONE (1)** example.

(8 marks)

b) Based on the tables below, write an SQL query to list the employee(s) from Accounting and Finance department. The result must show each employee's name, location and the name of department.

Employee

ID	Name	Department_ID	Location
19804719	Alton	1001	Sydney
23048571	Jones	1004	Sydney
12239849	Calton	1003	Perth
23849741	Benson	1002	Brisbane
12313133	Kelvin	1001	Perth

Department

Department_ID	Department_Name
1001	Human Resource Management
1002	Marketing and Sales
1003	Accounting and Finance
1004	Supply Chain Management

(12 marks)

(Total: 20 marks)

Continued.....

SECTION B: Practical Questions (40 Marks)

QUESTION 5

Write a JavaScript that asks the user to key in three numbers (as shown in Figures 1 to 3) and store them in an array called *mynums*. Next, display the array elements and the minimum number in the array as shown in Figure 4.

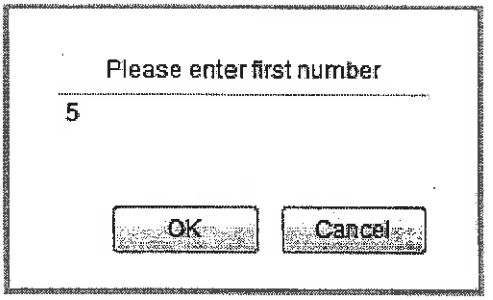

Figure 1. Enter the first number

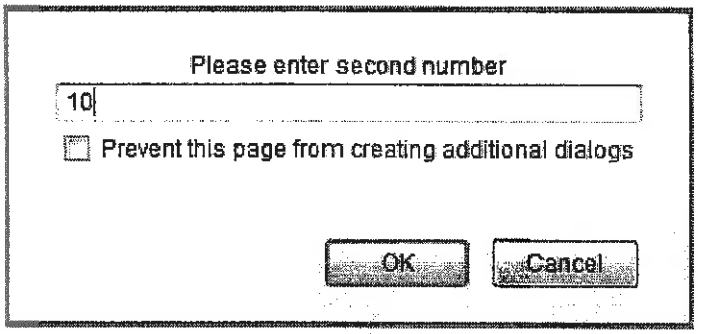

Figure 2. Enter the second number

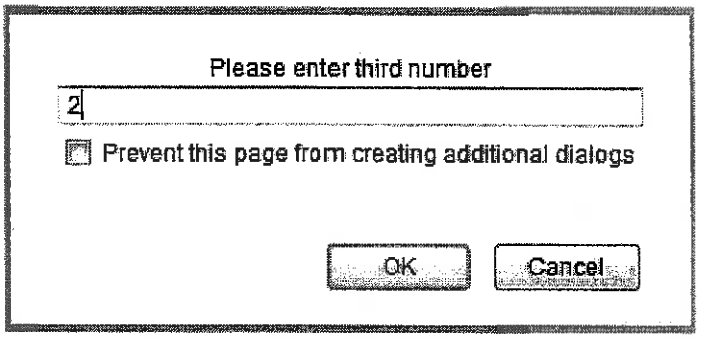

Figure 3. Enter the third number

Continued.....

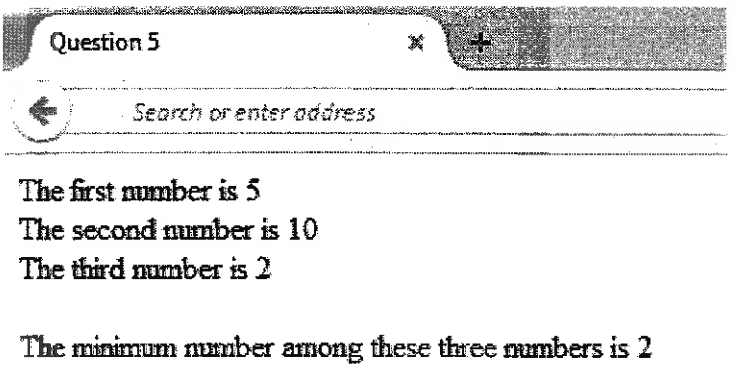
Question 5
Search or enter address
The first number is 5
The second number is 10
The third number is 2
The minimum number among these three numbers is 2

Figure 4. Display array elements and the minimum number

(Total: 20 marks)

QUESTION 6

Write a JavaScript that asks the user to key in his or her name and return the user's name with a greeting message on a Webpage (as shown in Figures 5 and 6). You are also required to use *switch* statement and *getDay()* method to show a message with the weekday name to the user (as shown in Figure 6).

NOTE: The weekday name (Monday to Friday) will change automatically based on the day when the user accesses the Webpage. If the user accessed the Webpage on weekend (Saturday and Sunday), he or she will receive a message of "Happy Weekend!" (as shown in Figure 7).

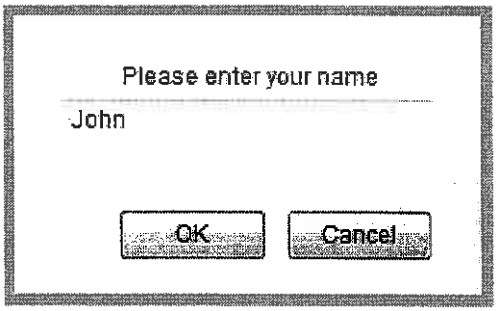

Figure 5. User input name

Continued.....

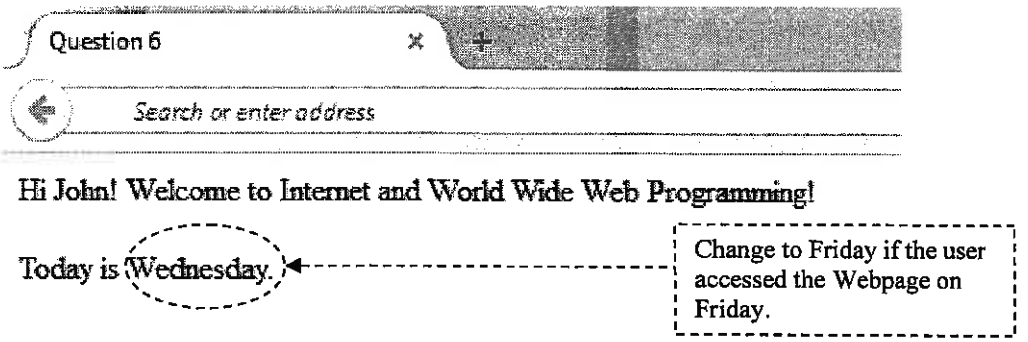
Question 6
Search or enter address
Hi John! Welcome to Internet and World Wide Web Programming!
Today is Wednesday.
Change to Friday if the user accessed the Webpage on Friday.

Figure 6. Result (if user accessed during weekday)

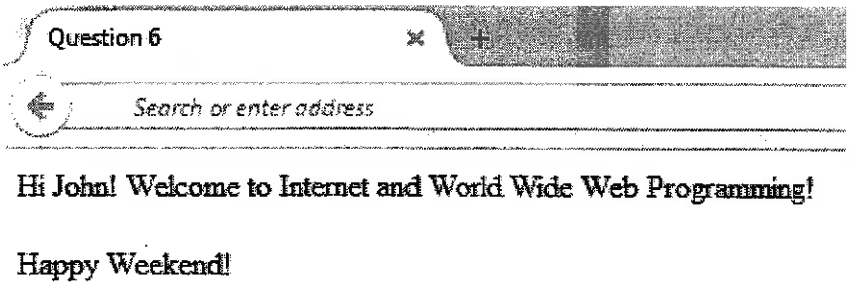

Figure 7. Result (if user accessed during weekend)

(Total: 20 marks)

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